

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A basic silane for production of a mesoporous silica utilizing an anionic surfactant micelle, ~~characterized in that the~~ comprising a basic silane is represented by ~~the following general formula (1).~~ formula (1)



wherein, R^1 , R^2 , R^3 and R^4 represent a normal or branched alkyl group or a hydrogen atom, and X represents a normal or branched alkylene group. ~~When R^4 has a carbon number of 0, the Component (C) basic silane corresponds to a primary, secondary or tertiary amine.~~

2. (Currently Amended) A mesoporous silica complex ~~characterized by being derived from the following comprising~~ Components (A), (B) and ~~(C).~~ (C), wherein

(A) An anionic surfactant

(B) A silicate monomer

(C) A basic silane.

3. (Currently Amended) The mesoporous silica complex according to claim 2, ~~characterized in that~~ wherein said Component (C) ~~is the~~ is a basic silane ~~recited in claim 1~~ represented by formula (1)



wherein, R^1 , R^2 , R^3 and R^4 represent a normal or branched alkyl group or a hydrogen atom, and X represents a normal or branched alkylene, wherein when R^4 has a carbon number of 0, the basic silane corresponds to a primary, secondary or tertiary amine.

4. (Currently Amended) A mesoporous silica outer shell ~~characterized by being derived from the following comprising~~ Components (A), (B) and ~~(C).~~ (C), wherein

(A) An anionic surfactant

(B) A silicate monomer

(C) A basic silane.

5. (Currently Amended) The mesoporous silica outer shell according to claim 4, ~~characterized in that~~ wherein said Component (C) ~~is the~~ is a basic silane recited in claim 1 ~~represented by formula (1)~~



wherein, R^1 , R^2 , R^3 and R^4 represent a normal or branched alkyl group or a hydrogen atom, and X represents a normal or branched alkylene, wherein when R^4 has a carbon number of 0, the basic silane corresponds to a primary, secondary or tertiary amine.

6. (Currently Amended) A mesoporous silica ~~characterized by being derived from the following comprising~~ Components (A), (B) and ~~(C)~~ (C), wherein

(A) An anionic surfactant

(B) A silicate monomer

(C) A basic silane.

7. (Currently Amended) The mesoporous silica according to claim 6, ~~characterized in that~~ wherein said Component (C) ~~is the~~ is a basic silane recited in claim 1 ~~represented by formula (1)~~



wherein, R^1 , R^2 , R^3 and R^4 represent a normal or branched alkyl group or a hydrogen atom, and X represents a normal or branched alkylene, wherein when R^4 has a carbon number of 0, the basic silane corresponds to a primary, secondary or tertiary amine.

8. (Currently Amended) A method for producing a mesoporous silica complex having mesopores uniform in size, ~~characterized in that~~ comprising

mixing said Components (A), (B) and (C) ~~recited in~~ according to claim 2 ~~or 3~~ are ~~mixed~~ in water or a mixed solvent of a water-miscible organic solvent and water.

9. (Currently Amended) A method for producing a mesoporous silica outer shell ~~using, as the template,~~ comprising

forming said mesoporous silica outer shell based on the structure of the mesoporous silica complex obtained by the method according to claim 8 as a template, ~~characterized in that~~ wherein the mesoporous silica complex is washed with an acidic aqueous solution, a water-miscible organic solvent, or an aqueous solution thereof, to remove ~~the~~ Component (A) ~~anionic surfactant~~.

10. (Currently Amended) A method for producing a mesoporous silica, ~~characterized in that the~~ comprising the method according to claim 8, further comprising calcining said mesoporous silica complex ~~obtained by the method according to claim 8~~ is calcined.

11. (Currently Amended) A method for producing a mesoporous silica, ~~characterized in that the~~ comprising the method according to claim 9, further comprising calcining said mesoporous silica outer shell ~~obtained by the method according to claim 9~~ is calcined.

12. (New) A method for producing a mesoporous silica complex having mesopores uniform in size, comprising

mixing said Components (A), (B) and (C) according to claim 3 in water or a mixed solvent of a water-miscible organic solvent and water.

13. (New) A method for producing a mesoporous silica outer shell, comprising
forming said mesoporous silica outer shell based on the structure of the mesoporous silica complex obtained by the method according to claim 12 as a template, wherein the

mesoporous silica complex is washed with an acidic aqueous solution, a water-miscible organic solvent, or an aqueous solution thereof, to remove Component (A).

14. (New) A method for producing a mesoporous silica, comprising the method according to claim 12, further comprising calcining said mesoporous silica complex.

15. (New) A method for producing a mesoporous silica, comprising the method according to claim 13, further comprising calcining said mesoporous silica outer shell.